

fishes intraperitoneal injections of S. testudineus and S. nephelus skin extracts 1 cc. or 2 cc. per 20 gm. body weight were made in S. testudineus and Lutjanus griesus. We have found S. testudineus tolerant to its own skin extract and to skin extracts of S. nephelus.

MS - 9 Studies on Sphaeroides Toxicity. EDWARD LARSON, RAY GERBER AND HARVEY ALEXANDER, Miami Seaquarium, Univ. of Miami. - - Controlled studies on the toad, Bufo marinus, receiving toxic doses of Sphaeroides extracts showed no consistent chromatophoric changes. In the mouse, minimal lethal doses of Sphaeroides extracts showed chiefly marked depression whereas larger lethal doses produced convulsions. Oral administration of the flesh of Sphaeroides nephelus to the toad, Bufo marinus, has produced no discernible effects. Injected extracts of the skin of Sphaeroides have proven toxic to the toad. Oral administration of Sphaeroides skin or muscle slurry to the rat has not produced any effect.

SOCIAL SCIENCE SECTION

9:00 A.M. SOCIAL SCIENCE SECTION - - Ernest F. Dibble, Presiding. Room 5

SS - 7 Social and Political Dimensions of Campus Protest Activity, James W. Clarke, Joseph Egan, Florida State University. Earlier studies of political socialization and public opinion have shown that the American public holds generally supportive views of its political system. More recent episodes on university campuses indicate that in substantial and important segments of the population such attitudes are changing. Studies of campus activism suggest that discontent is centered in what might be considered a social and intellectual vanguard at the university. The present study of university students in Florida indicates that this finding also must now be questioned. There are indications that important shifts are occurring in the movement. This research attempts to describe the changing dimensions of campus protest activity.

SS - 8 The Social Organization of Youth Communes, Wallace C. Christen Amana Colony, Iowa. A Sociologist and native of the Amana Colony of Iowa presents some personal observations on the social structure and organization of Hippie-Type Communal Societies, Drug-Freak Colonies, and separatist religious sects, based on participant observation over the past several years. There are noted differences in structure and ideological motivation between the newer youth communes, such as exist in the American Southwest and Midwest, The Hare Krishna Communes, and other similar groups as in contrast with the older established systems such as The Amana Colonies, The Hutterites, The Bruderhoff, or Koininea. Similarities in Cult-reformation are analyzed in terms of ideology, religious sacraments, and life-style in terms of the larger Societal problems and/or escapist needs.

Business Meeting - - Social Sciences Section.